



Fig. 1

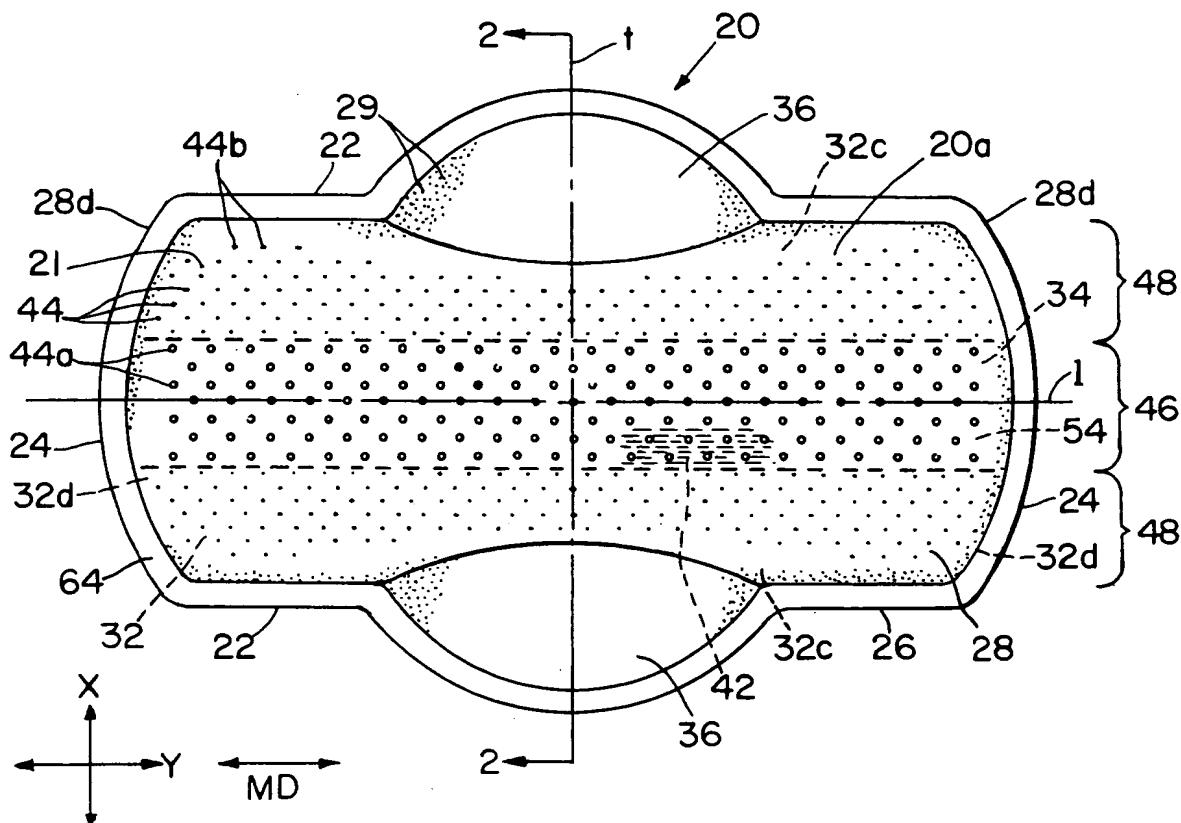


Fig. 2

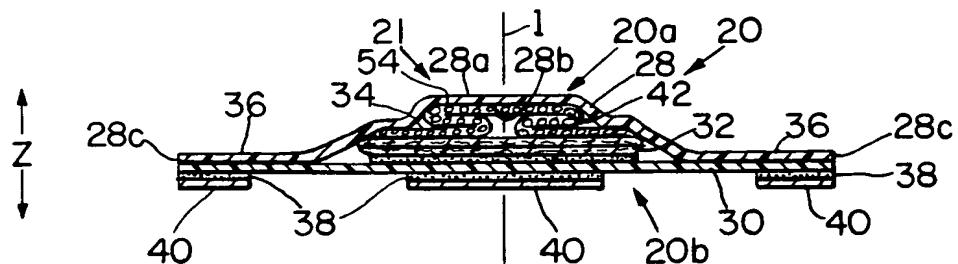
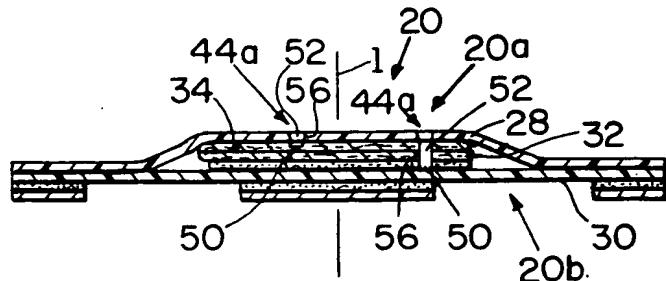


Fig. 3





2/16

Fig. 4

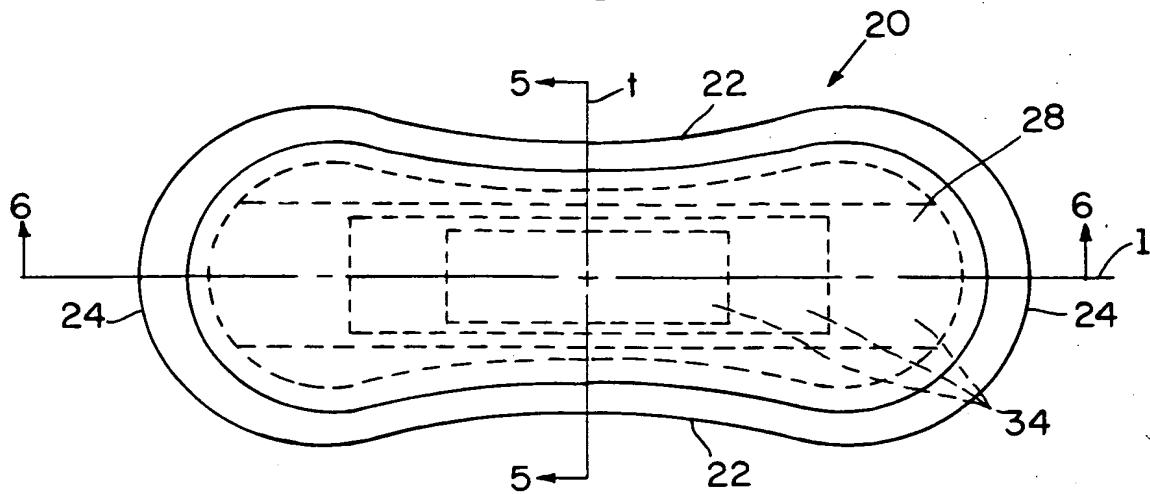


Fig. 5

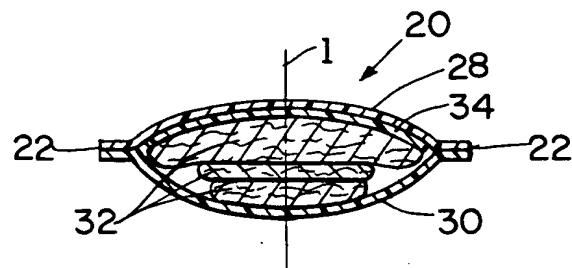


Fig. 6

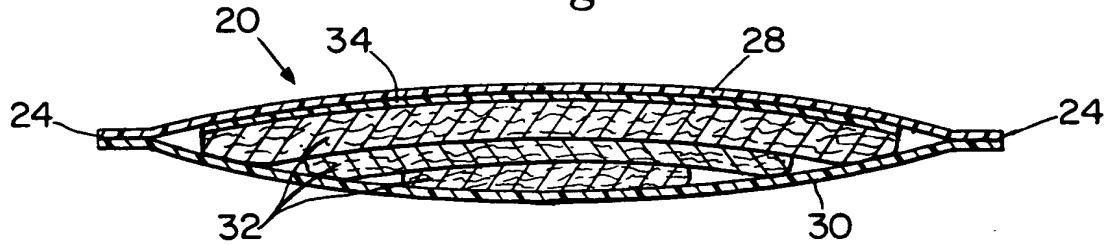
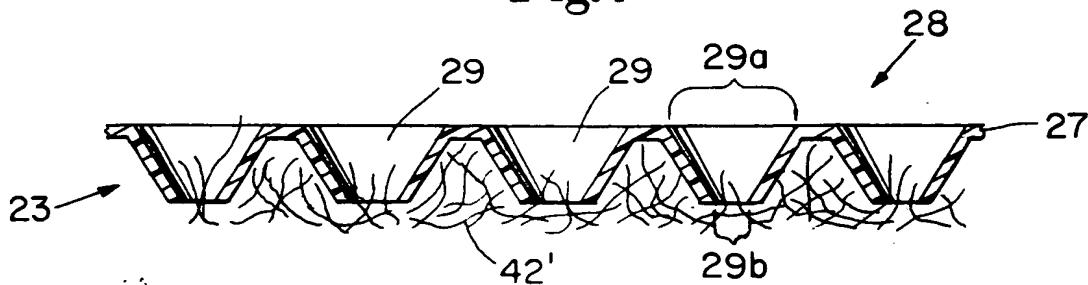


Fig. 7

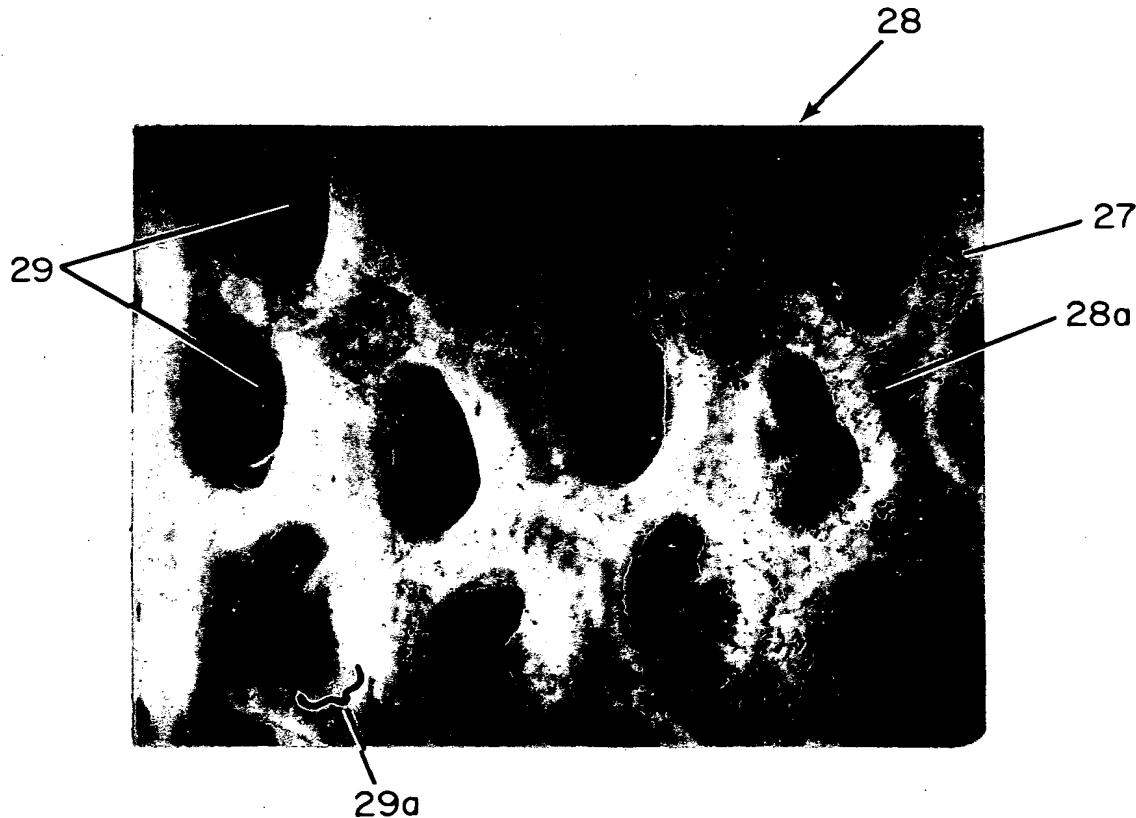




3/16

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Fig. 7A

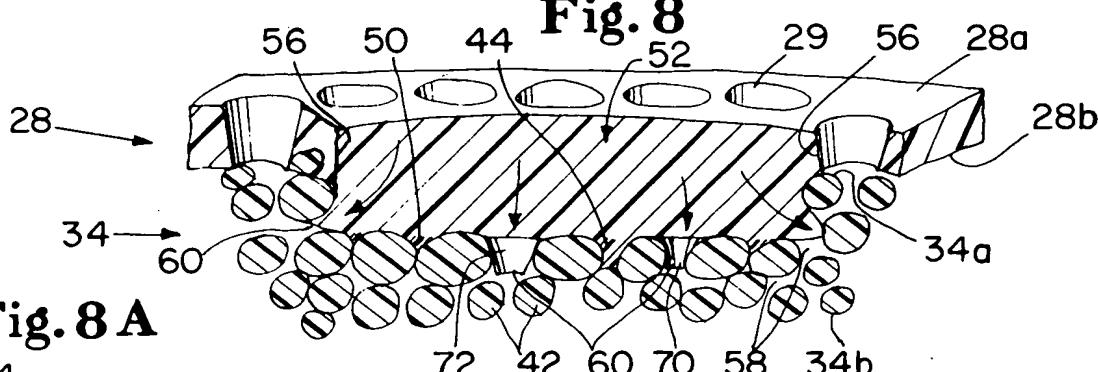




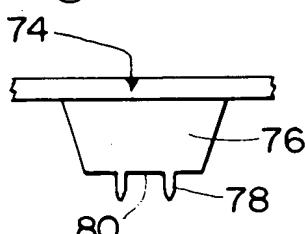
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4/16

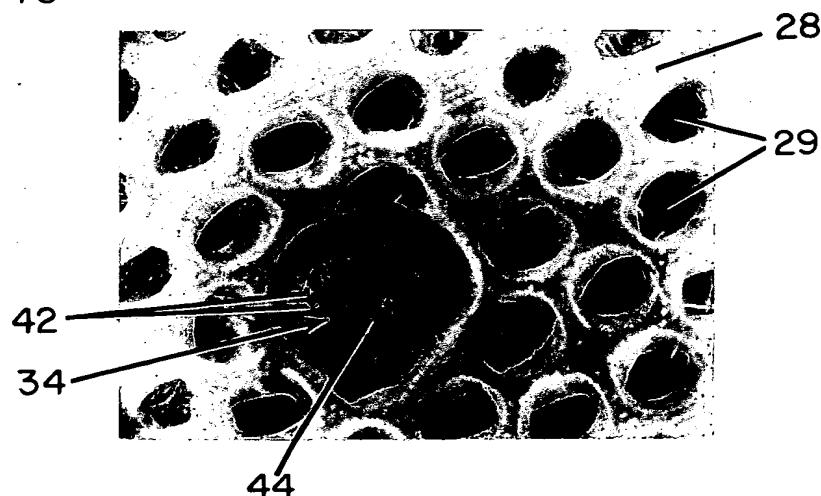
**Fig. 8**



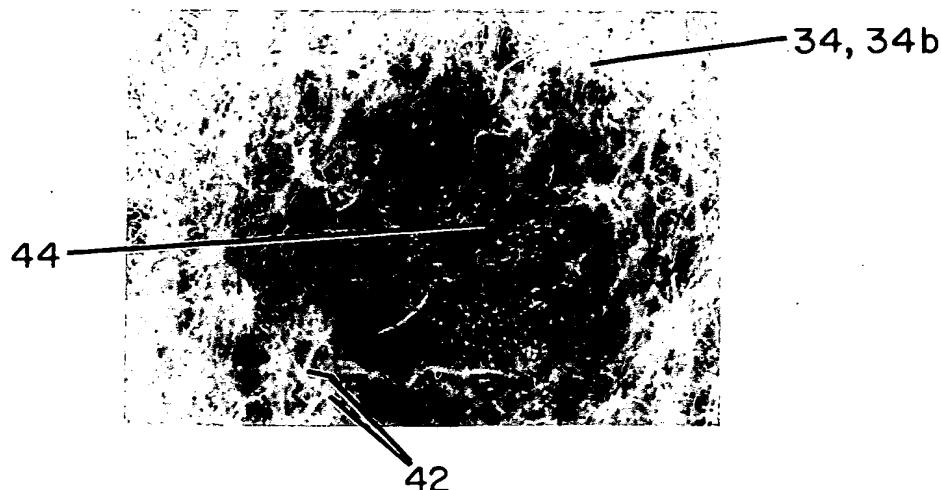
**Fig. 8A**



**Fig. 9**



**Fig. 10**





Cree 09/304,716 4546RC2D  
Absorbent Articles Having Fused Layers

5/16

Fig. 11

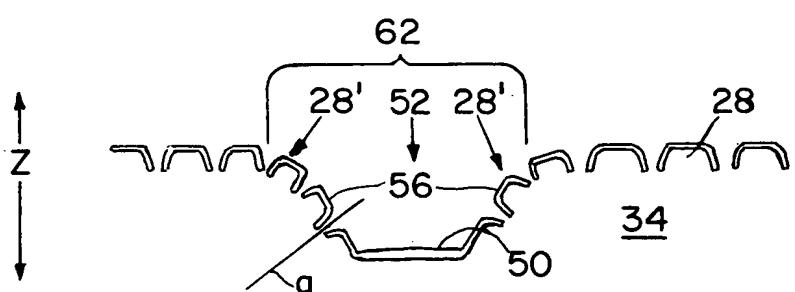
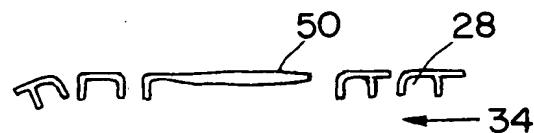


Fig. 12





6/16

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Fig. 13A

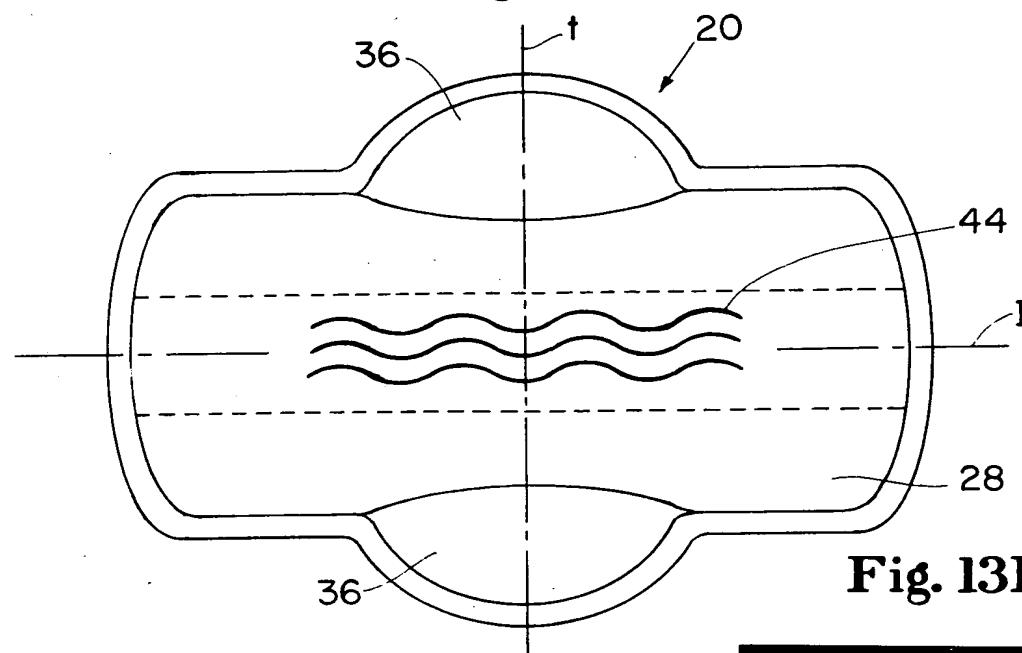


Fig. 13D

44

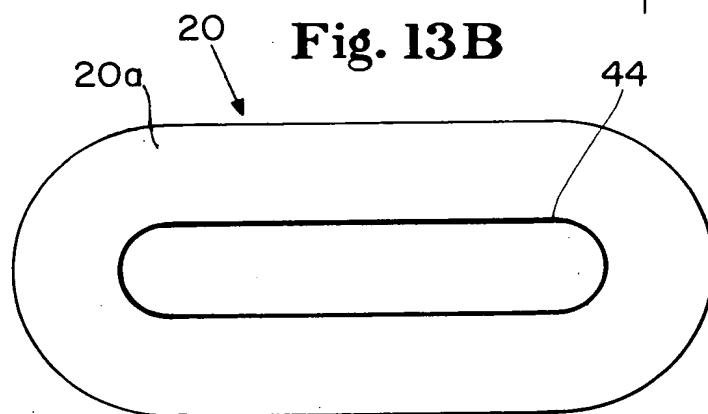


Fig. 13B

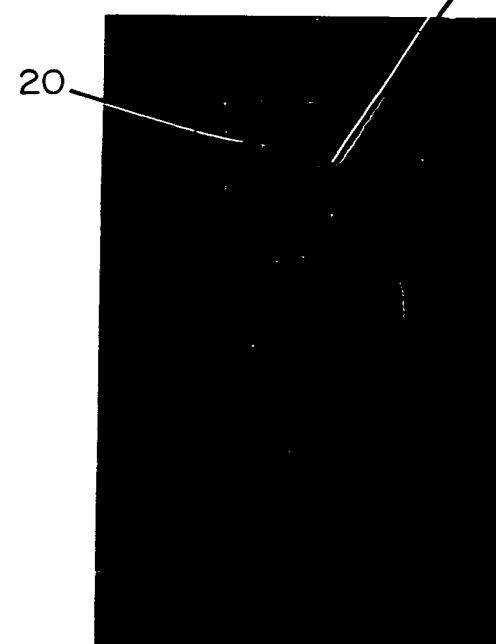
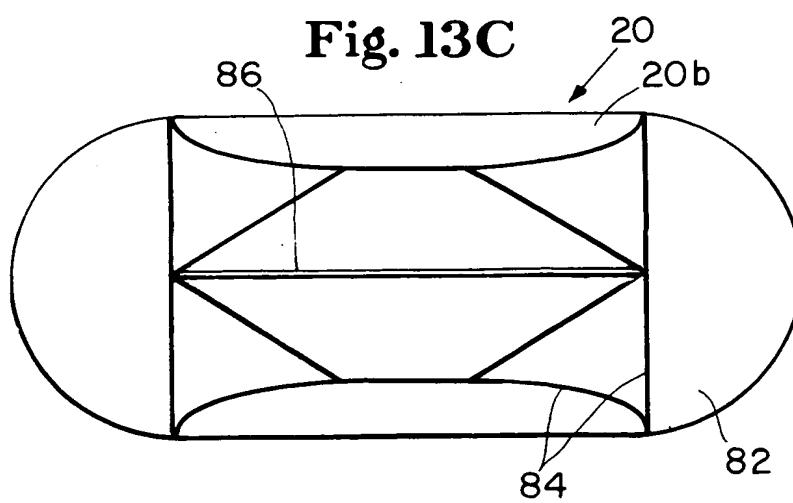


Fig. 13C

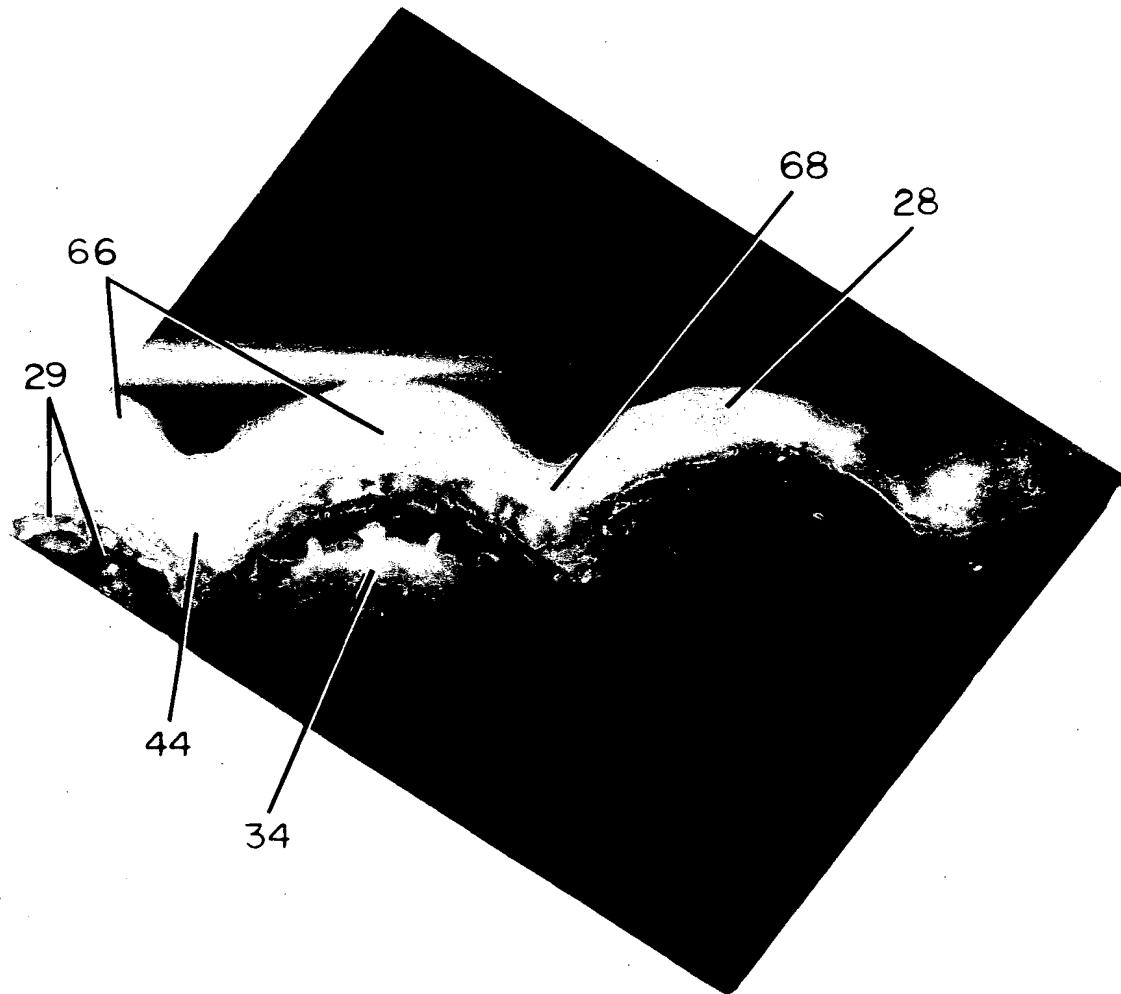




7/16

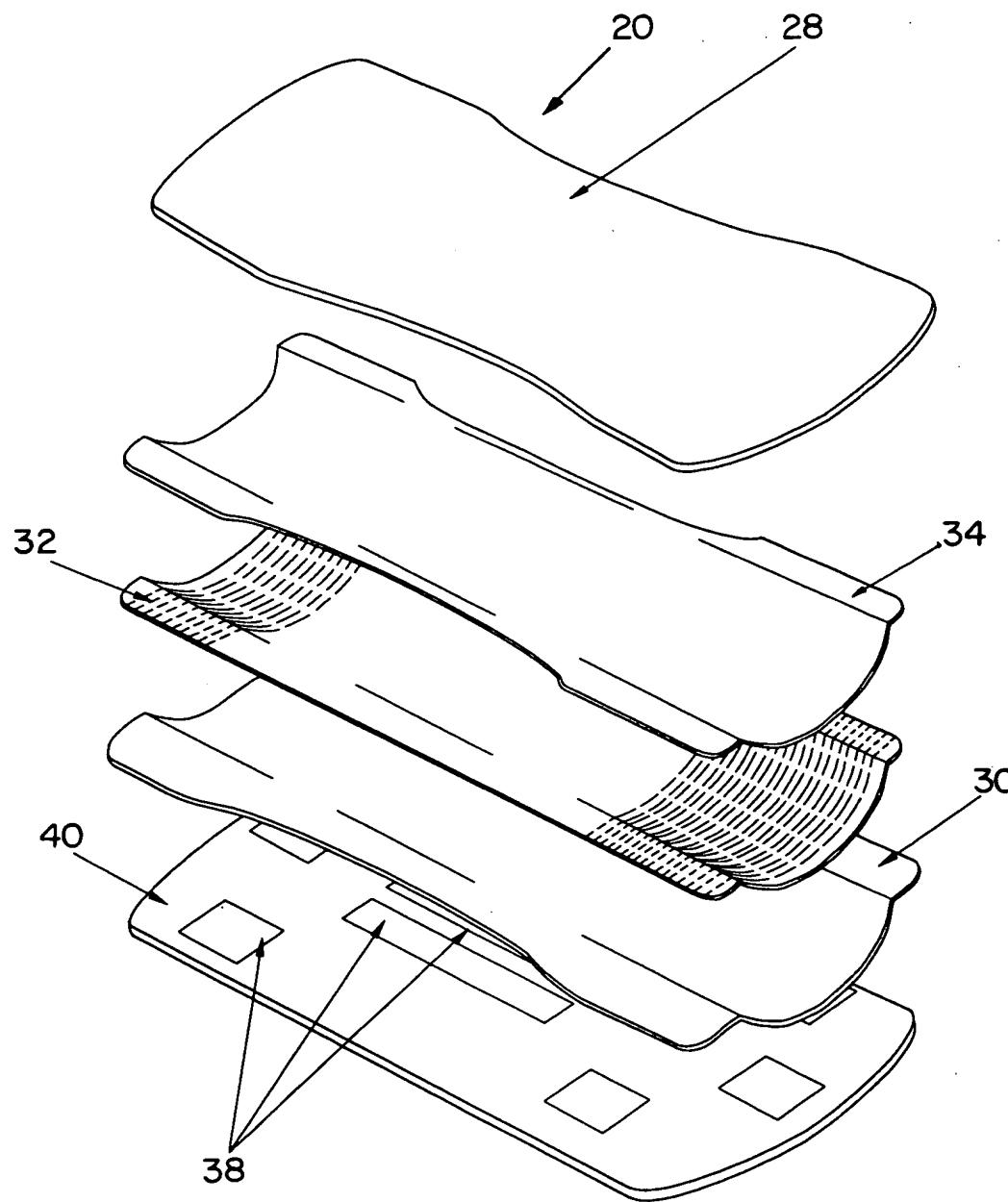
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Fig. 14





**Fig. 15**





9/16

Fig. 16

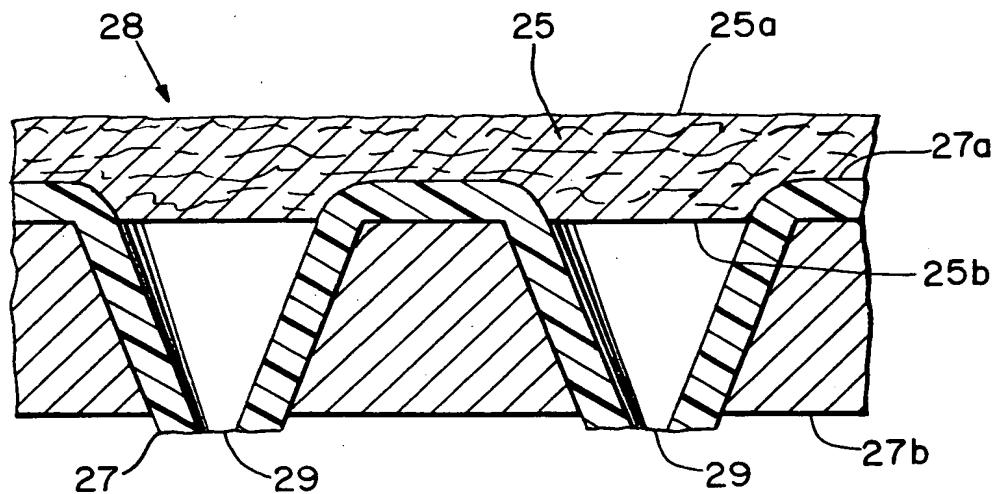
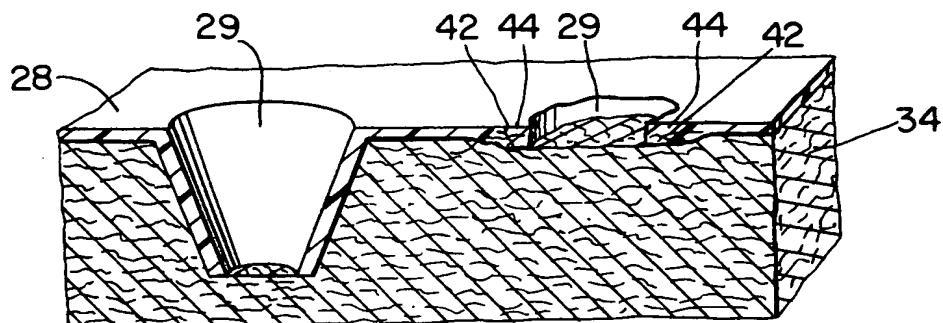


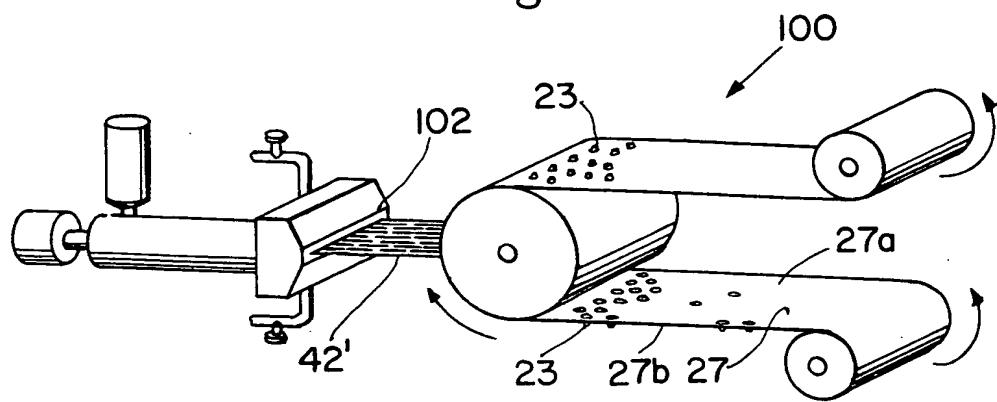
Fig. 17



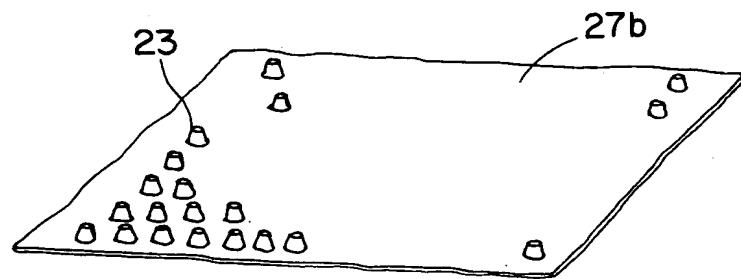


10/16

**Fig. 18**



**Fig. 19**

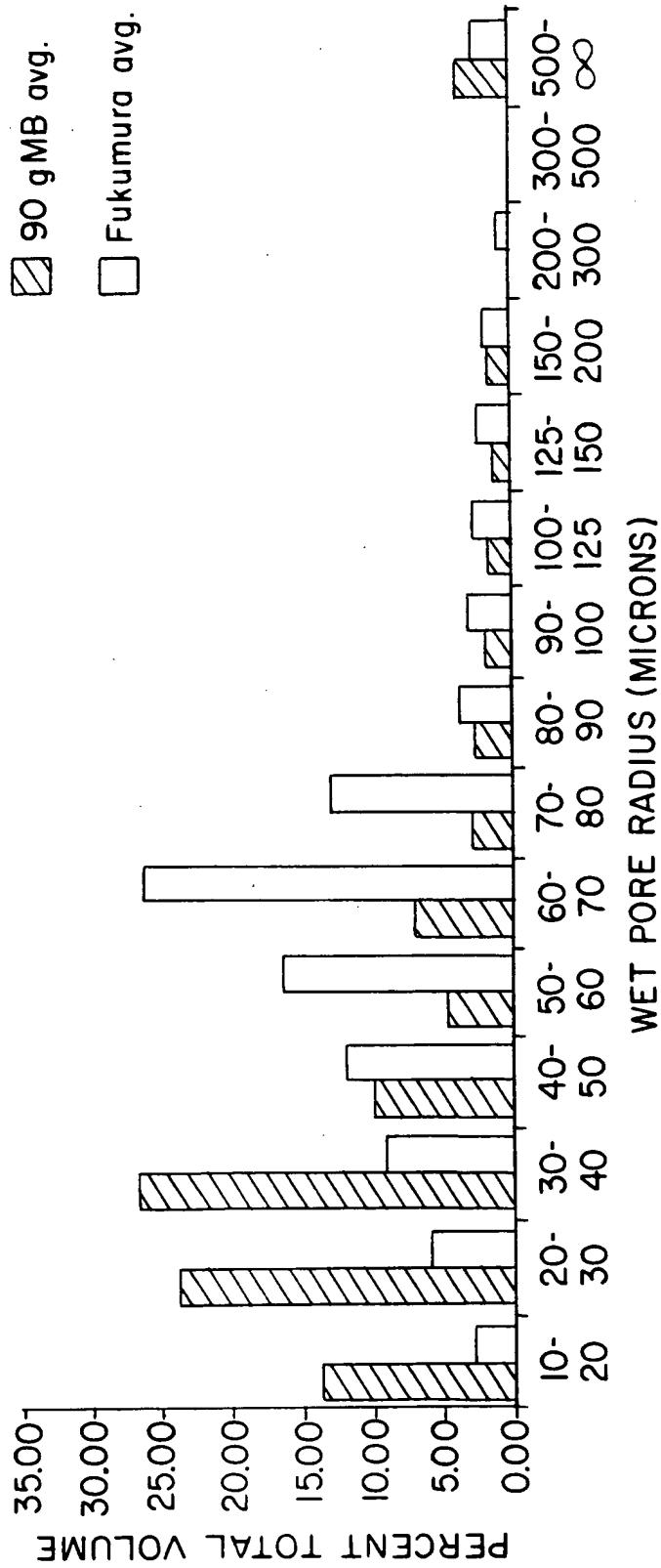




11/16

Fig. 20

90 g MB vs. FUKUMURA at 1/4 psi



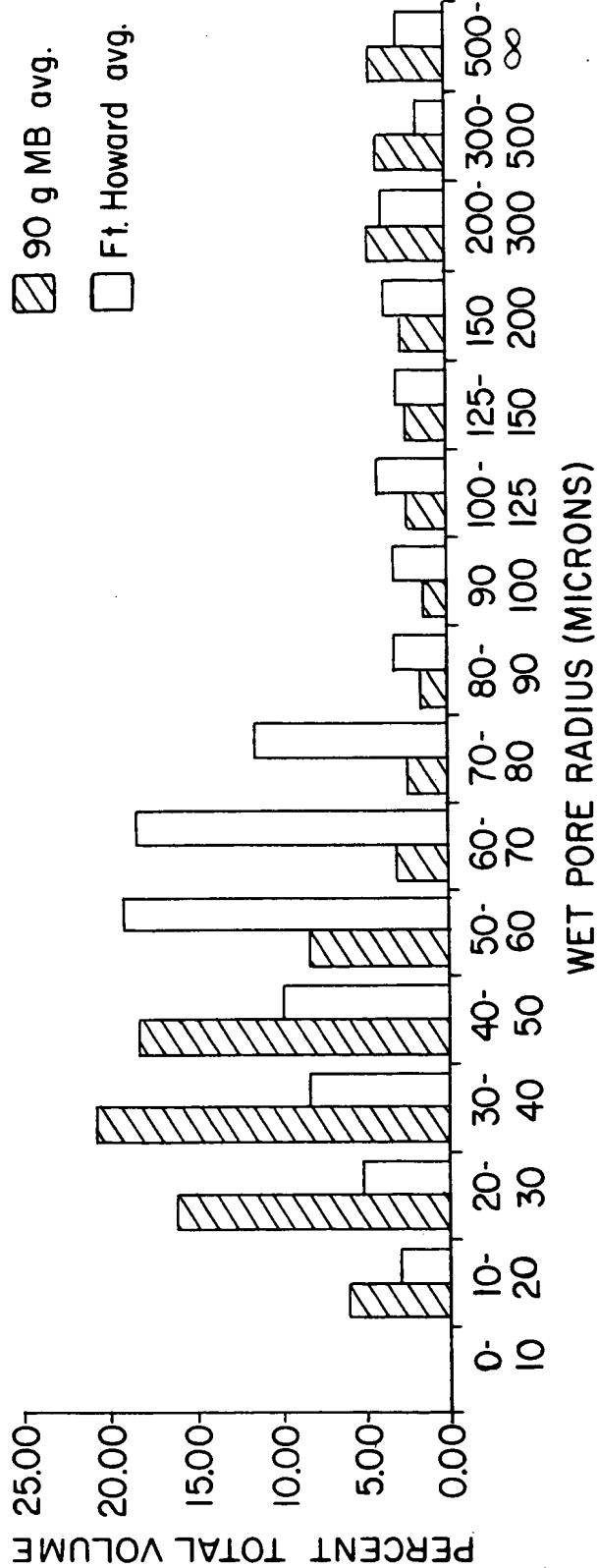
Fukumura mean: 60 um  
90 g MB mean: 30-40 um



12/16

Fig. 21

90 g MB vs. Ft. HOWARD at 0 psi

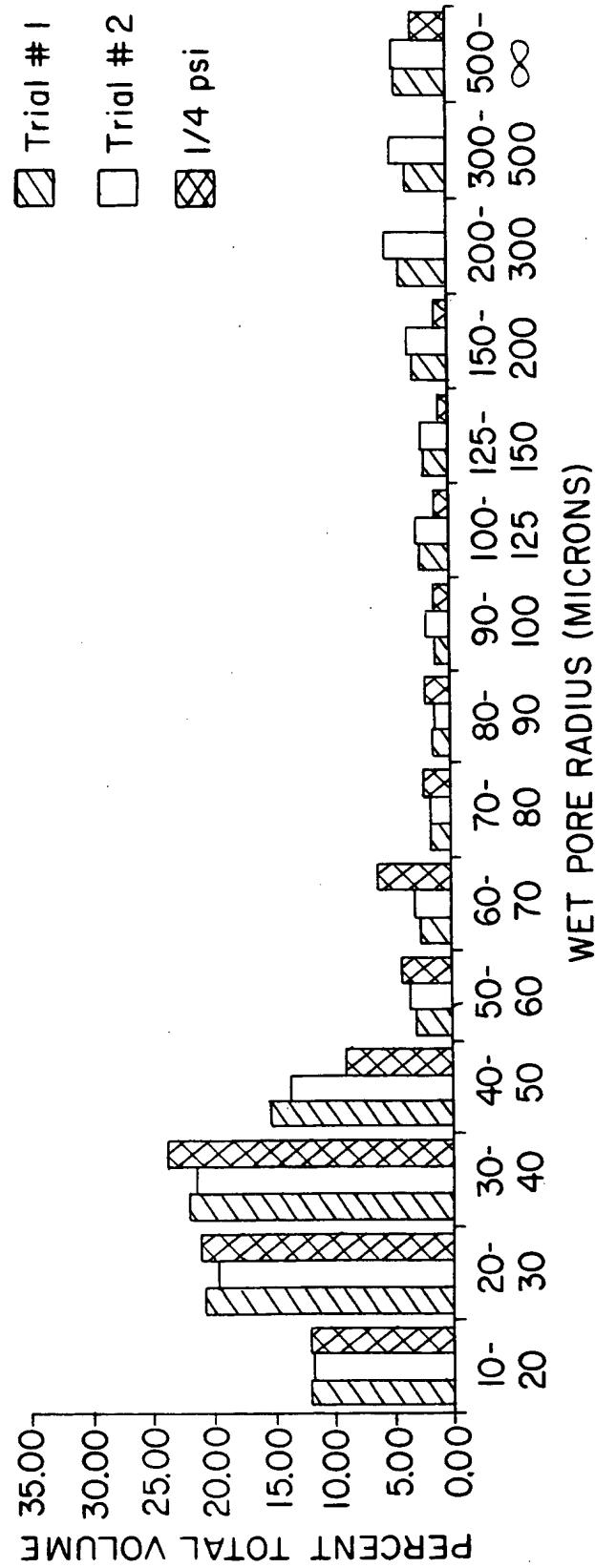




13/16

Fig. 22

EFFECT of 1/4 psi on 90 g MB



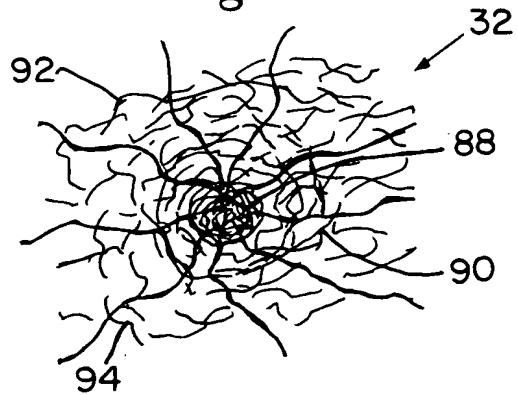
90 g MB mean: 30-40 um

90 g MB 1/4 psi mean: 30-40 um

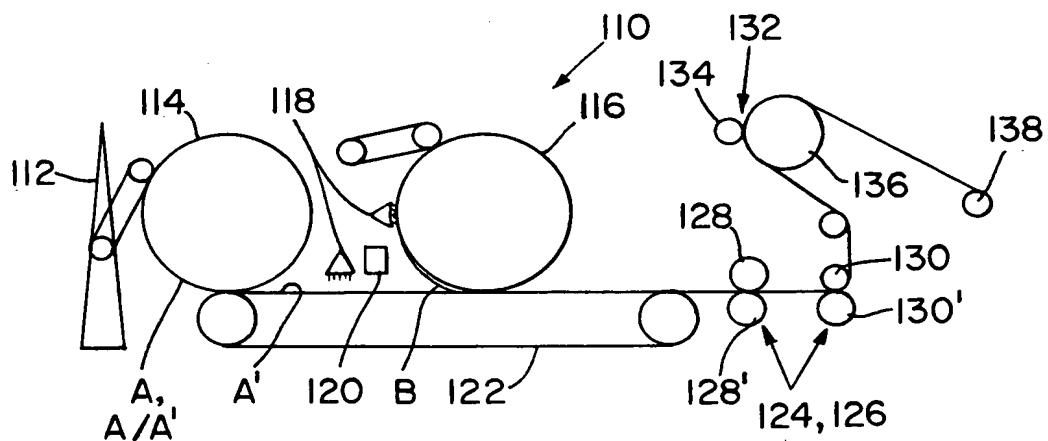


14/16

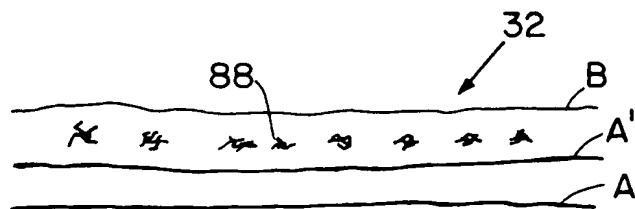
**Fig. 23**



**Fig. 24**



**Fig. 25**





Cree 09/304,716 4546RC2D  
Absorbent Articles Having Fused Layers }

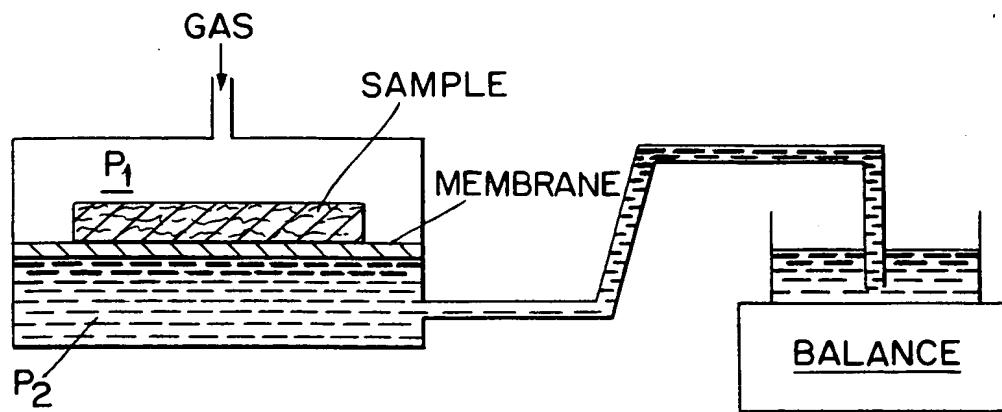
15/16

Fig. 26





Fig. 27



$$R = \frac{2 \gamma \cos \theta_{rec(adv)}}{\Delta P}$$